
Update on MI Collimation

Bruce C. Brown

15 November 2005

Simulation of Loss

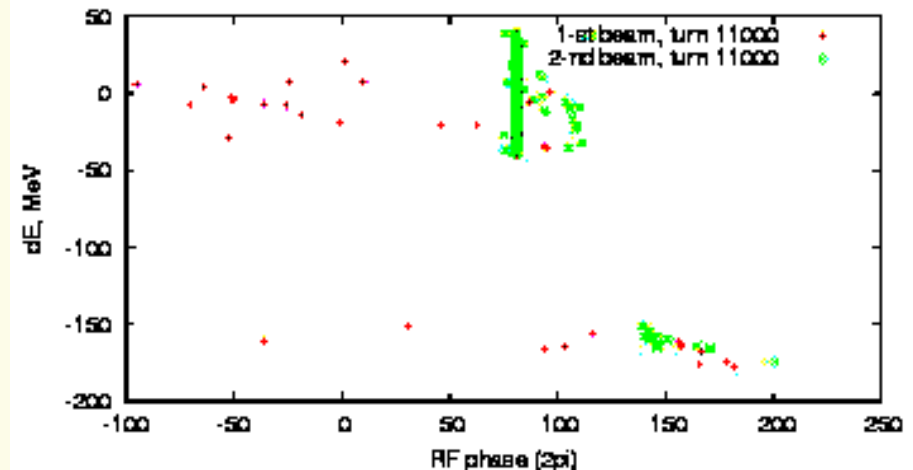
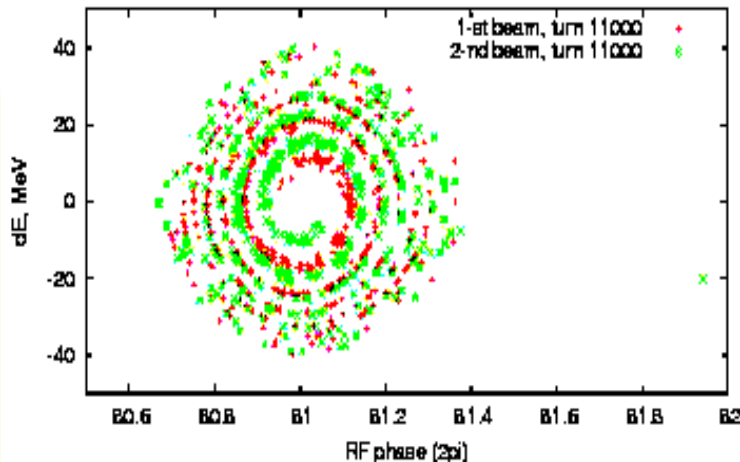
Effort underway to simulate MI Losses

- Alexandr Drozhdin using STRUCT Program

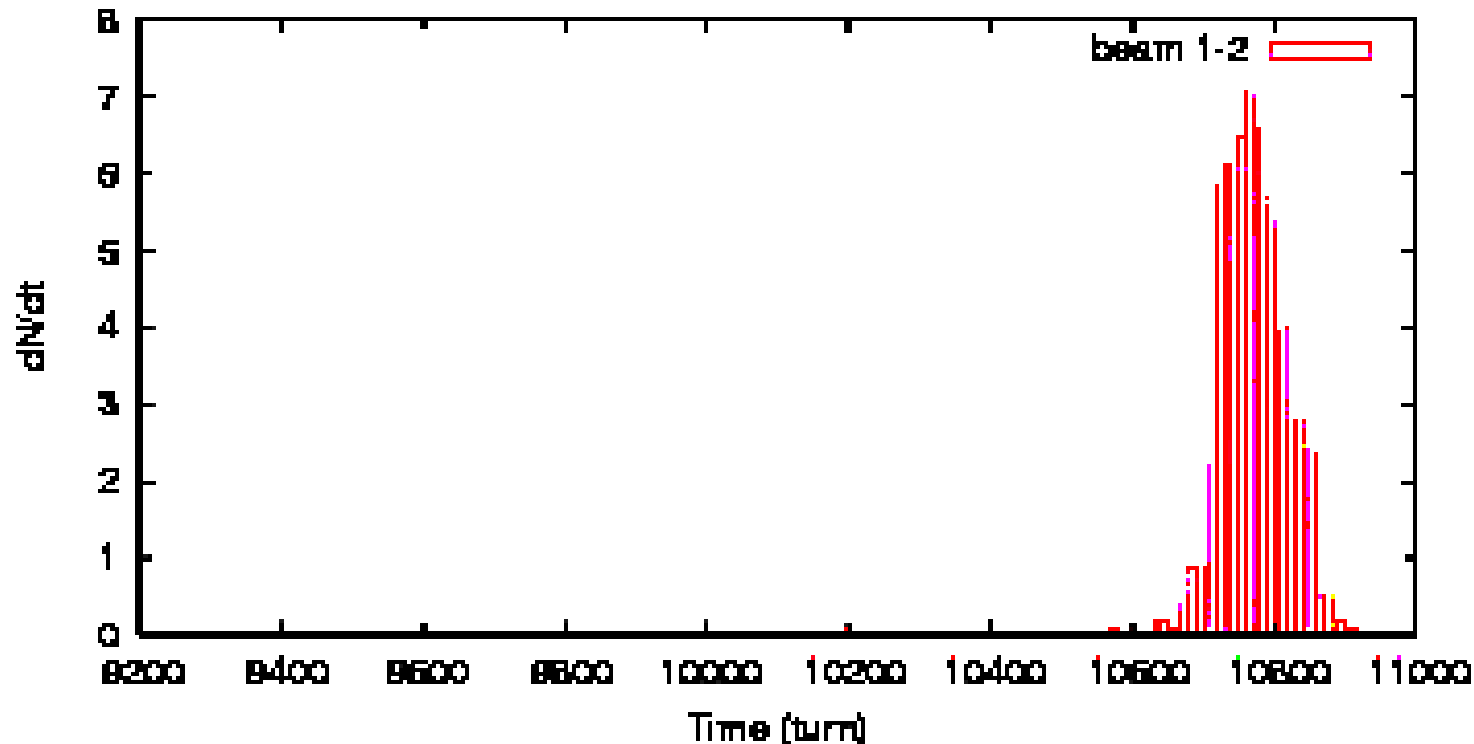
Biweekly meetings include I., Kourbanis, K.Seiya, D. Johnson, M-J. Yang and BCBrown

- Simulating Momentum Aperture of MI
- Simulation of Slipstacking Losses
 - Simulation of MI Ring: Magnets and Aperture
 - Simulation of Slipstacking RF Manipulations
 - Losses studied as function of time, location

Simulation of Beam Capture



Simulation of Loss Time



*Losses using a population of particles
At 9000 turns (1 MV capture time)*

Simulation of Loss Locations

